

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20070164561"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:11
S2	16	((LEE) near2 (JOONG-HEE)). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:34
S3	2	((YOO) near2 (GYE- HYOUNG)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:34
S4	17	(S2 S3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:35
S5	2	JP-10332085-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:41
S8	6	(S5 S6 S7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:42
S6	2	JP-10332084-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:42

S7	2	JP-07158797-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:42
S9	4	("5429845" "5979692").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 09:43
S10	57	("1574690" "2744043" "3195758" "3293860" "3319658" "3660593" "3722538" "3840139" "3843010" "3907149" "4085860" "4115194" "4331175" "4360116" "4369894" "4504530" "4538395" "4625537" "4690295" "4775073" "5253778" "5273603" "5287987" "5287988" "5332495" "5429845" "5476189" "5518141" "5758796").PN. OR ("5429845" "5979692"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 09:45
S14	1408	"220/304".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:14
S15	488	S14 and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:14
S13	375	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:14
S11	201	"220/592".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:14

S12	54	"220/583".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:14
S19	2362	"220/288".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:15
S18	525	"220/303".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:15
S20	65	S19 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:15
S16	63	S14 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:15
S21	37	S19 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:15
S17	9	S14 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:15
S32	1261	"215/307".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:16
S29	664	"220/367.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:16

S35	1032	"215/329".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:17
S39	838	"215/355".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:17
S45	2177	"285/55".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:18
S48	1091	"285/45".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/18 10:18
S49	149	"220/795".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 17:52
S50	328	"220/789".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 17:55
S51	148	"220/806".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:35
S52	124	"220/804".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:37
S53	66	"220/803".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:38

S54	199	"220/802".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:40
S55	414	"220/801".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:42
S56	664	"220/367.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:47
S57	25	S56 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:47
S59	1261	"215/307".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:48
S60	41	S59 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:48
S58	5	S56 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:48
S61	20	S59 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:49
S62	1032	"215/329".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:50

S63	29	S62 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:50
S65	250	"215/356".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:51
S64	16	S62 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:51
S66	838	"215/355".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:56
S67	30	S66 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:56
S68	12	S66 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:56
S69	376	"215/349".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 18:57
S70	186	"215/346".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:02
S71	509	"215/341".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:05

S72	2177	"285/55".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:11
S73	64	S72 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:11
S74	20	S72 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:13
S75	1091	"285/45".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:14
S76	45	S75 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:14
S78	29	"F17C13/06".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:15
S77	12	S75 and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:15
S79	32	"F17C1/16".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:16
S80	164	"F17C1/00".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:18

S82	108	("2848133" "3171563" "3172252" "3246794" "3311253" "3312575" "3319791" "3404796" "3449182" "3843010" "4588106" "4690295" "4775073" "4778073" "4785956" "5158200" "5217138" "5222620").PN. OR ("1574690" "1732235" "2116170" "2280088" "2784865" "2995009" "3557827" "5746344" "5839600").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 19:21
S81	83	("2848133" "3171563" "3172252" "3246794" "3311253" "3312575" "3319791" "3404796" "3449182" "3843010" "4588106" "4690295" "4775073" "4778073" "4785956" "5158200" "5217138" "5222620").PN. OR ("1574690" "1732235" "2116170" "2280088" "2784865" "2995009" "3557827" "5746344" "5839600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 19:21
S83	12	(US-1574690-\$ or US- 3557827-\$ or US-5839600-\$ or US-5746344-\$ or US- 4337873-\$.did. or (US- 3319658-\$ or US-2280088-\$ or US-1732235-\$ or US- 2116170-\$ or US-2995009-\$ or US-2784865-\$.did. or (US- 5429845-\$.did.	USPAT; USOCR; DERWENT	OR	ON	2009/06/22 20:10
S84	8	(US-3851794-\$ or US- 3915336-\$ or US-1904091-\$ or US-0152980-\$ or US- 3640416-\$.did. or (US- 3424340-\$.did. or (GB- 2222399-\$.did. or (JP- 2006017302-\$.did.	USPAT; USOCR; EPO; JPO	OR	ON	2009/06/22 20:10
S85	2	(US-3840139-\$ or US- 5577776-\$.did.	USPAT	OR	ON	2009/06/22 20:10
S96	2362	"220/288".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11

S94	1408	"220/304".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S95	525	"220/303".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S93	375	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S91	201	"220/592".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S90	57	("1574690" "2744043" "3195758" "3293860" "3319658" "3660593" "3722538" "3840139" "3843010" "3907149" "4085860" "4115194" "4331175" "4360116" "4369894" "4504530" "4538395" "4625537" "4690295" "4775073" "5253778" "5273603" "5287987" "5287988" "5332495" "5429845" "5476189" "5518141" "5758796").PN. OR ("5429845" "5979692"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 20:11
S92	54	"220/583".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S98	15	(tighten\$3 adj land)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11

S89	4	("5429845" "5979692").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S86	2	JP-10332085-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S87	2	JP-10332084-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S88	2	JP-07158797-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S97	1	(S49 S50 S51 S52 S53 S54 S55 S56 S59 S62 S65 S66 S69 S70 S71 S72 S75 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88 S89 S90 S91 S92 S93 S94 S95 S96 S56 S59 S62 S66 S72 S75) and (tighten\$3 adj land)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:11
S99	35	((tight tighten\$3) adj land)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 20:12
S135	2362	"220/288".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S115	2177	"285/55".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42

S133	1408	"220/304".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S108	1261	"215/307".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S116	1091	"285/45".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S109	1032	"215/329".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S111	838	"215/355".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S107	664	"220/367.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S134	525	"220/303".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S114	509	"215/341".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S106	414	"220/801".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42

S112	376	"215/349".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S132	375	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S101	328	"220/789".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S110	250	"215/356".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S130	201	"220/592".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S105	199	"220/802".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S113	186	"215/346".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S119	165	"F17C1/00".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S100	149	"220/795".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42

S102	148	"220/806".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S103	124	"220/804".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S121	108	("2848133" "3171563" "3172252" "3246794" "3311253" "3312575" "3319791" "3404796" "3449182" "3843010" "4588106" "4690295" "4775073" "4778073" "4785956" "5158200" "5217138" "5222620").PN. OR ("1574690" "1732235" "2116170" "2280088" "2784865" "2995009" "3557827" "5746344" "5839600").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S120	83	("2848133" "3171563" "3172252" "3246794" "3311253" "3312575" "3319791" "3404796" "3449182" "3843010" "4588106" "4690295" "4775073" "4778073" "4785956" "5158200" "5217138" "5222620").PN. OR ("1574690" "1732235" "2116170" "2280088" "2784865" "2995009" "3557827" "5746344" "5839600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 13:42
S104	66	"220/803".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42

S129	58	("1574690" "2744043" "3195758" "3293860" "3319658" "3660593" "3722538" "3840139" "3843010" "3907149" "4085860" "4115194" "4331175" "4360116" "4369894" "4504530" "4538395" "4625537" "4690295" "4775073" "5253778" "5273603" "5287987" "5287988" "5332495" "5429845" "5476189" "5518141" "5758796").PN. OR ("5429845" "5979692"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 13:42
S131	54	"220/583".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S118	32	"F17C1/16".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S117	29	"F17C13/06".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S122	12	(US-1574690-\$ or US- 3557827-\$ or US-5839600-\$ or US-5746344-\$ or US- 4337873-\$).did. or (US- 3319658-\$ or US-2280088-\$ or US-1732235-\$ or US- 2116170-\$ or US-2995009-\$ or US-2784865-\$).did. or (US- 5429845-\$).did.	USPAT; USOCR; DERWENT	OR	ON	2009/06/23 13:42
S123	8	(US-3851794-\$ or US- 3915336-\$ or US-1904091-\$ or US-0152980-\$ or US- 3640416-\$).did. or (US- 3424340-\$).did. or (GB- 2222399-\$).did. or (JP- 2006017302-\$).did.	USPAT; USOCR; EPO; JPO	OR	ON	2009/06/23 13:42

S128	4	("5429845" "5979692").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S124	2	(US-3840139-\$ or US-5577776-\$).did.	USPAT	OR	ON	2009/06/23 13:42
S125	2	JP-10332085-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S126	2	JP-10332084-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S127	2	JP-07158797-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S136	1	(S100 S101 S102 S103 S104 S105 S106 S107 S108 S109 S110 S111 S112 S113 S114 S115 S116 S117 S118 S119 S120 S121 S122 S123 S124 S125 S126 S127 S128 S129 S130 S131 S132 S133 S134 S135 S107 S108 S109 S111 S115 S116) and (nozzle adj boss)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:42
S137	192	(nozzle adj boss)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:43
S138	139711	"222".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:46
S139	6	S138 and (tighten\$3 near5 land)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:47

S140	456	"220/601".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:56
S141	319	"220/661".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:57
L1	12	(US-1904091-\$ or US-3557827-\$ or US-3915336-\$ or US-5746344-\$ or US-5839600-\$).did. or (US-1732235-\$ or US-2116170-\$ or US-2280088-\$ or US-2784865-\$ or US-2995009-\$).did. or (GB-2222399-\$).did. or (US-5429845-\$).did.	USPAT; USOCR; EPO; DERWENT	OR	ON	2009/10/01 10:28
L5	27	(1 2 3 4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:29
L4	19	(US-20060102631-\$).did. or (US-3840139-\$ or US-5577776-\$ or US-7080749-\$ or US-1904091-\$ or US-3557827-\$ or US-3915336-\$ or US-5746344-\$ or US-5839600-\$).did. or (US-1732235-\$ or US-2116170-\$ or US-2280088-\$ or US-2784865-\$ or US-2995009-\$).did. or (GB-2222399-\$).did. or (JP-07158797-\$ or JP-10332085-\$ or JP-10332084-\$).did. or (US-5429845-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/01 10:29
L2	12	(US-1574690-\$ or US-3557827-\$ or US-5839600-\$ or US-5746344-\$ or US-4337873-\$).did. or (US-3319658-\$ or US-2280088-\$ or US-1732235-\$ or US-2116170-\$ or US-2995009-\$ or US-2784865-\$).did. or (US-5429845-\$).did.	USPAT; USOCR; DERWENT	OR	ON	2009/10/01 10:29

L3	8	(US-3851794-\$ or US-3915336-\$ or US-1904091-\$ or US-0152980-\$ or US-3640416-\$).did. or (US-3424340-\$).did. or (GB-2222399-\$).did. or (JP-2006017302-\$).did.	USPAT; USOCR; EPO; JPO	OR	ON	2009/10/01 10:29
L7	35	("3312575" "3449182" "3843010" "4588106" "4690295" "4778073" "4785956").PN. OR ("1574690" "2006/0102631" "5839600").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:36
L6	24	("3312575" "3449182" "3843010" "4588106" "4690295" "4778073" "4785956").PN. OR ("1574690" "2006/0102631" "5839600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 10:36
L9	908	"220/200".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:42
L8	578	"220/581".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:42
L11	148	9 and (tight\$3 tighten\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:42
L10	25	9 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:42
L12	1149	"D9/447".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:43

L15	885	"D9/435".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:43
L13	54	12 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:43
L14	49	12 and (tight\$3 tighten\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:43
L17	23	15 and (tight\$3 tighten\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:43
L16	6	15 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:43
L18	276	"206/.6".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 10:47
L19	191	"215/200".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:02
L32	2377	"220/288".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L37	2179	"285/55".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06

L54	2179	"285/55".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L30	1413	"220/304".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L34	1262	"215/307".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L47	1262	"215/307".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L38	1096	"285/45".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L55	1096	"285/45".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L35	1049	"215/329".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L48	1049	"215/329".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L36	841	"215/355".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06

L50	841	"215/355".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L33	672	"220/367.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L46	672	"220/367.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L31	527	"220/303".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L53	512	"215/341".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L64	463	"220/601".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L45	415	"220/801".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L51	377	"215/349".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L29	376	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06

L40	331	"220/789".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L65	324	"220/661".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L49	252	"215/356".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L27	202	"220/592".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L44	200	"220/802".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L52	188	"215/346".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L58	173	"F17C1/00".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L39	150	"220/795".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L41	150	"220/806".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06

L42	126	"220/804".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L60	109	("2848133" "3171563" "3172252" "3246794" "3311253" "3312575" "3319791" "3404796" "3449182" "3843010" "4588106" "4690295" "4775073" "4778073" "4785956" "5158200" "5217138" "5222620").PN. OR ("1574690" "1732235" "2116170" "2280088" "2784865" "2995009" "3557827" "5746344" "5839600").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L59	84	("2848133" "3171563" "3172252" "3246794" "3311253" "3312575" "3319791" "3404796" "3449182" "3843010" "4588106" "4690295" "4775073" "4778073" "4785956" "5158200" "5217138" "5222620").PN. OR ("1574690" "1732235" "2116170" "2280088" "2784865" "2995009" "3557827" "5746344" "5839600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 11:06
L43	67	"220/803".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L26	59	("1574690" "2744043" "3195758" "3293860" "3319658" "3660593" "3722538" "3840139" "3843010" "3907149" "4085860" "4115194" "4331175" "4360116" "4369894" "4504530" "4538395" "4625537" "4690295" "4775073" "5253778" "5273603" "5287987" "5287988" "5332495" "5429845" "5476189" "5518141" "5758796").PN. OR ("5429845" "5979692"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 11:06

L28	54	"220/583".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L57	33	"F17C1/16".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L56	30	"F17C13/06".ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L66	25	(1 2 3 4 6 7 9 12 15 8 18 19 L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51 L52 L53 L54 L55 L56 L57 L58 L59 L60 L61 L62 L63 L64 L65) and ((tight \$3 tighten\$3) adj (land edge flange))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L20	16	((LEE) near2 (JOONG-HEE)). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L61	12	(US-1574690-\$ or US- 3557827-\$ or US-5839600-\$ or US-5746344-\$ or US- 4337873-\$).did. or (US- 3319658-\$ or US-2280088-\$ or US-1732235-\$ or US- 2116170-\$ or US-2995009-\$ or US-2784865-\$).did. or (US- 5429845-\$).did.	USPAT; USOCR; DERWENT	OR	ON	2009/10/01 11:06
L62	8	(US-3851794-\$ or US- 3915336-\$ or US-1904091-\$ or US-0152980-\$ or US- 3640416-\$).did. or (US- 3424340-\$).did. or (GB- 2222399-\$).did. or (JP- 2006017302-\$).did.	USPAT; USOCR; EPO; JPO	OR	ON	2009/10/01 11:06

L25	4	("5429845" "5979692").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L21	2	((YOO) near2 (GYE-HYOUNG)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L22	2	JP-10332085-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L23	2	JP-10332084-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L24	2	JP-07158797-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:06
L63	2	(US-3840139-\$ or US-5577776-\$).did.	USPAT	OR	ON	2009/10/01 11:06
L67	3620	((tight\$3 tighten\$3) adj (land edge flange))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:11
L70	222	67 and "285".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:11
L68	112	67 and "220".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:11

L71	37	67 and "206".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:11
L69	17	67 and "215".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:11
L73	2	("5320236").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/01 11:21
L74	792	(12 15 8 18 19 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 64 65) and @pd> = "20040311"	US-PGPUB	OR	ON	2009/10/01 11:32

10/ 1/ 2009 12:19:14 PM

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